

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Ravi Narasimhan	Art Unit :	2617
Serial No. :	10/656,001	Examiner :	Huy Q. Phan
Filed :	September 5, 2003	Confirmation No.:	7519
		Notice of Allowance Date:	November 4, 2008
Title :	SPATIAL MULTIPLEXING WITH ANTENNA AND CONSTELLATION SELECTION FOR CORRELATED MIMO FADING CHANNELS		

MAIL STOP ISSUE FEE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed November 4, 2008, enclosed is a completed issue fee transmittal form PTOL-85b.

EXAMINER INTERVIEW SUMMARY OF October 27, 2008 & JANUARY 22, 2009

Examiner Phan is thanked for the telephonic interviews conducted on October 27, 2008 and January 22, 2009. On October 27, 2009, the pending claims were discussed in light of the BPAI decision. An agreement was reached on an Examiner's Amendment to place the claims in condition for allowance as described in the Interview Summary dated November 4, 2008.

On January 22, 2009, the Examiner confirmed that the formal drawings submitted with the application have been accepted.

COMMENTS ON EXAMINER'S REASONS FOR ALLOWANCE

It is recognized that in accordance with M.P.E.P. § 1302.14, the Examiner's reasons for allowance need not set forth all of the details as to why the claims are allowed. In the above-referenced application, it is not conceded that the Examiner's stated reasons for allowance are the only reasons for which the claims are allowable. The Examiner's reasons for allowance indicate that particular claim elements are not disclosed or suggested by the prior art of record, yet the claims may be patentable for other reasons as well, including the inventive combination of all of the recited claim elements. It is not conceded that the specific limitations identified by the Examiner are necessary to distinguish the art of record or to satisfy the requirements of 35 U.S.C. § 112. Moreover, the Examiner does not assert, and it would not be conceded, that the

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Attorney's Docket No.: MP0256/ 13361-0050001

Examiner's reasons have any bearing on the patentability of claims in any other applications directed to the disclosed subject matter.

In addition, each dependent claim stands on its own and may be allowable on its own merits. In particular, each dependent claim may be allowable on the basis of a combination of some of the features recited in the dependent claim and its base claim(s), which combination of features may not include all of the limitations identified in the Examiner's reasons for allowance.

The fee in the amount of \$1510 is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization, and any additional charges or credits, to our Deposit Account No. 06-1050.

Respectfully submitted,

Date: January 29, 2009

/Hwa C. Lee/

Hwa C. Lee
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PART B – FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

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26200

7590

11/04/2008

**FISH & RICHARDSON P.C.
P.O. Box 1022
Minneapolis, MN 55440-1022**

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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/656,001	09/05/2003	Ravi Narasimhan	MP0256/ 13361-0050001	7519

TITLE OF INVENTION: **SPATIAL MULTIPLEXING WITH ANTENNA AND CONSTELLATION SELECTION FOR CORRELATED MIMO FADING CHANNELS**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510		\$1510	02/04/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
PHAN, HUY Q.	2617	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. _____
2. _____
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY and STATE OR COUNTRY)

Marvell International, Ltd.

Hamilton, Bermuda

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

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☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-1050 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
NOTE: The issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered agent or; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature) /Hwa C. Lee/

(Date) January 29, 2009

Typed or Printed Name Hwa C. Lee

Registration No. 59,747

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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